

(19) 世界知的所有権機関  
国際事務局(43) 国際公開日  
2000 年 12 月 14 日 (14.12.2000)

PCT

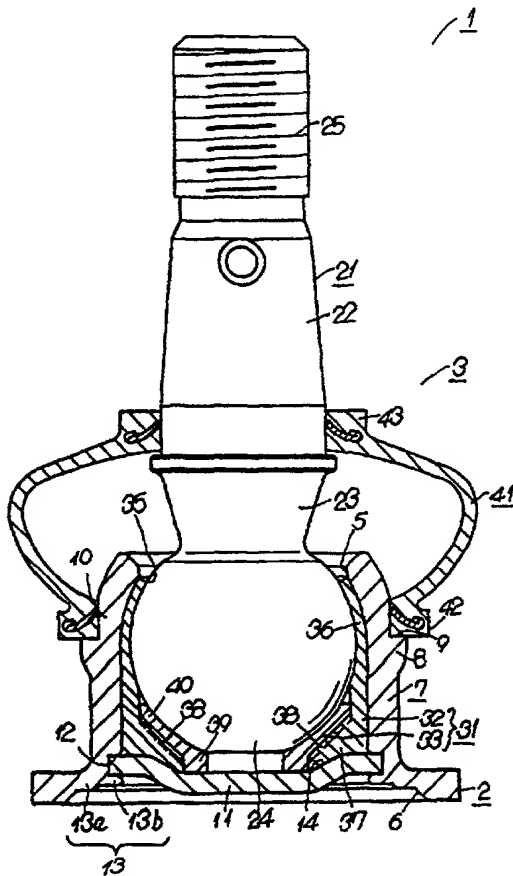
(10) 国際公開番号  
WO 00/75520 A1

- (51) 国際特許分類: F16C 11/06, B21K 1/05  
ISHIKAWA) [JP/JP]; 〒130-0004 東京都墨田区本所一丁目34番6号 Tokyo (JP).
- (21) 国際出願番号: PCT/JP00/03541
- (22) 国際出願日: 2000 年 6 月 1 日 (01.06.2000)
- (25) 国際出願の言語: 日本語
- (26) 国際公開の言語: 日本語
- (30) 優先権データ:  
特願平11/163077 1999 年 6 月 9 日 (09.06.1999) JP
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- (81) 指定国 (国内): US.

[続葉有]

(54) Title: UNIVERSAL JOINT DEVICE AND METHOD OF MANUFACTURING THE DEVICE

(54) 発明の名称: 自在継手装置およびその製造方法



(57) Abstract: A universal joint device, wherein a generally cylindrical socket part (7) having a convergent opening part (5) at the tip thereof and a mounting opening part (6) at the base end thereof is formed projectively by pressing a steel plate arm base material in thickness direction, the socket part (7) is fixedly put on a support table (60) of a crimping machine (50) and a spherical head part (24) is stored in the socket part (7) through a bearing seat (31) to install a ball stud (21), a closing plate (11) is closely inserted into the mounting opening (6), a roller (58) is rolled on the inner peripheral edge of the socket part (7), and a first height difference part (13a) projected inward in a flange shape is formed crimping, and the roller (59) is rolled at the tip portion of the first height difference part (13a), a second height difference part (13b) projected inward in flange shape is formed crimping, and a crimped part (13) thinner at the tip side is formed at the height difference, whereby the amount of locking between the closing plate (11) and a crimped part (13) is increased, and the closing plate (11) can be installed surely and stably so as to increase a sealability.

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